

LISTING OF CLAIMS

Claim 1 (currently amended): A method for ~~expressing~~ preparing a protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, a protein involved in adhesion, a protein involved in antigen presentation, or a protein involved in formation of high dimensional structure of a protein by comprising culturing a host infected with at least one recombinant baculovirus which contains a gene encoding said protein, ~~wherein expressing said protein is expressed~~ in a budded baculovirus released from said host, and separating the budded baculovirus.

Claim 2 (original): A method for preparing a protein which comprises:
culturing a host infected with a recombinant baculovirus which contains a gene encoding a protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, a protein involved in adhesion, a protein involved in antigen presentation, or a protein involved in formation of high dimensional structure of a protein;
recovering a budded baculovirus released from said host; and
recovering the protein expressed from said budded baculovirus.

Claim 3 (original): The method of claim 1 wherein the protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, a protein involved in adhesion, a protein involved in antigen presentation, or a protein

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involved in formation of high dimensional structure of a protein is a membrane-bound protein of a cell organelle.

Claim 4 (original): The method of claim 2 wherein the protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, a protein involved in adhesion, a protein involved in antigen presentation, or a protein involved in formation of high dimensional structure of a protein is a membrane-bound protein of a cell organelle.

Claim 5 (original): The method of claim 1 wherein the protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, a protein involved in adhesion, a protein involved in antigen presentation, or a protein involved in formation of high dimensional structure of a protein is SREBP2, HMG-CoA reductase, SIP, or SREBP cleavage activating protein.

Claim 6 (original): The method of claim 2 wherein the protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, a protein involved in adhesion, a protein involved in antigen presentation, or a protein involved in formation of high dimensional structure of a protein is SREBP2, HMG-CoA reductase, SIP, or SREBP cleavage activating protein.

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Claim 7 (original): The method of claim 1 wherein the host is an insect cell or an insect larva.

Claim 8 (original): The method of claim 2 wherein the host is an insect cell or an insect larva.

Claim 9 (withdrawn) A budded baculovirus which is released from a host infected with at least one baculovirus which contains a gene encoding a protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, a protein involved in adhesion, a protein involved in antigen presentation, or a protein involved in formation of high dimensional structure of a protein.

Claim 10 (withdrawn): A method for screening a chemical substance which comprises measuring interaction between said protein and other chemical substances using the budded baculovirus of claim 9.

Claim 11 (withdrawn): The method of claim 10 wherein a drug which inhibits or activates a protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, a protein involved in adhesion, a protein involved in antigen presentation, or a protein involved in formation of high dimensional structure of a protein, is screened.

Claim 12 (withdrawn): A method for screening a chemical substance which activates or inhibits the function of two or more proteins selected from a membrane-bound enzyme, a

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substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, a protein involved in adhesion, a protein involved in antigen presentation, or a protein involved in formation of high dimensional structure of a protein, by co-infecting two or more different recombinant baculoviruses, each of which contains a gene encoding a different one of said two or more proteins; and co-expressing the function of said two or more proteins.

Claim 13 (withdrawn): A method for producing an antibody against a protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, a protein involved in adhesion, a protein involved in antigen presentation, or a protein involved in formation of high dimensional structure of a protein, wherein the budded baculovirus of claim 9 is used as an immunogen.

Claim 14 (withdrawn): An antibody which is produced by the method of claim 13.